

Pine Street Streambank Stabilization - Follow up Design Meeting

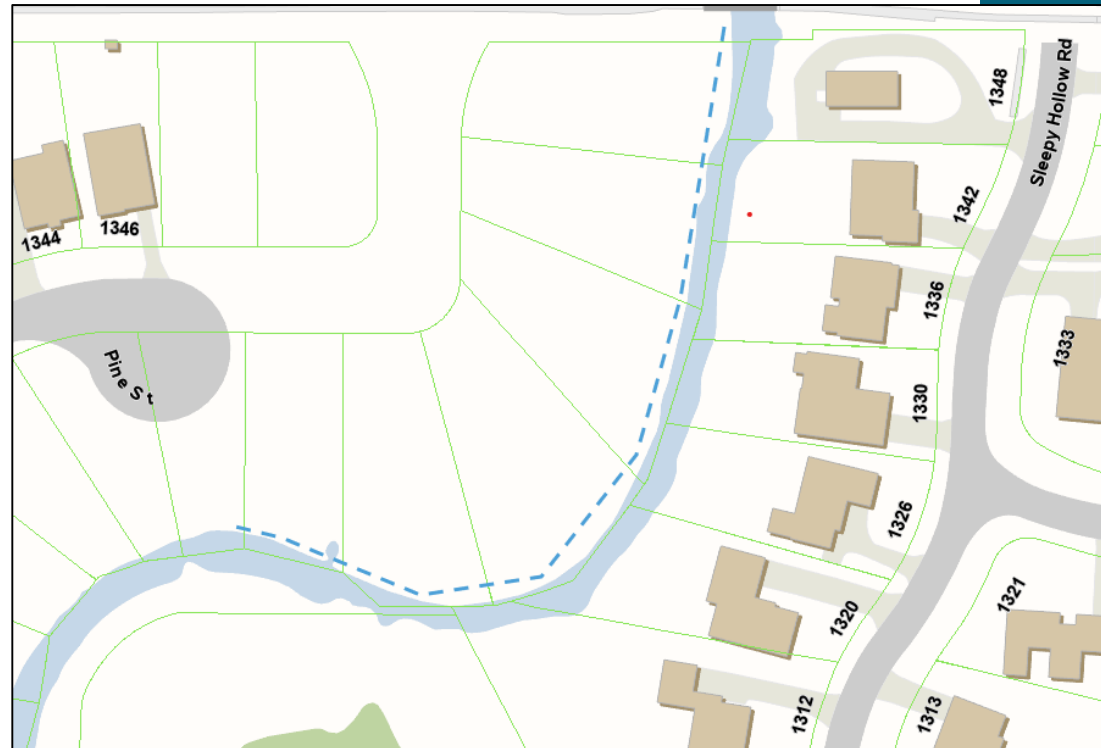
Welcome!

January 7, 2020



Agenda

- Introductions
- Review Neighborhood Concerns
- Project Background
- Presentation of Plan Updates:
 - Project scope
 - Updated permit plans
 - Revisions to tree removal and replacement plan
 - Permits/Maintenance and Operation Plan
- Next Steps



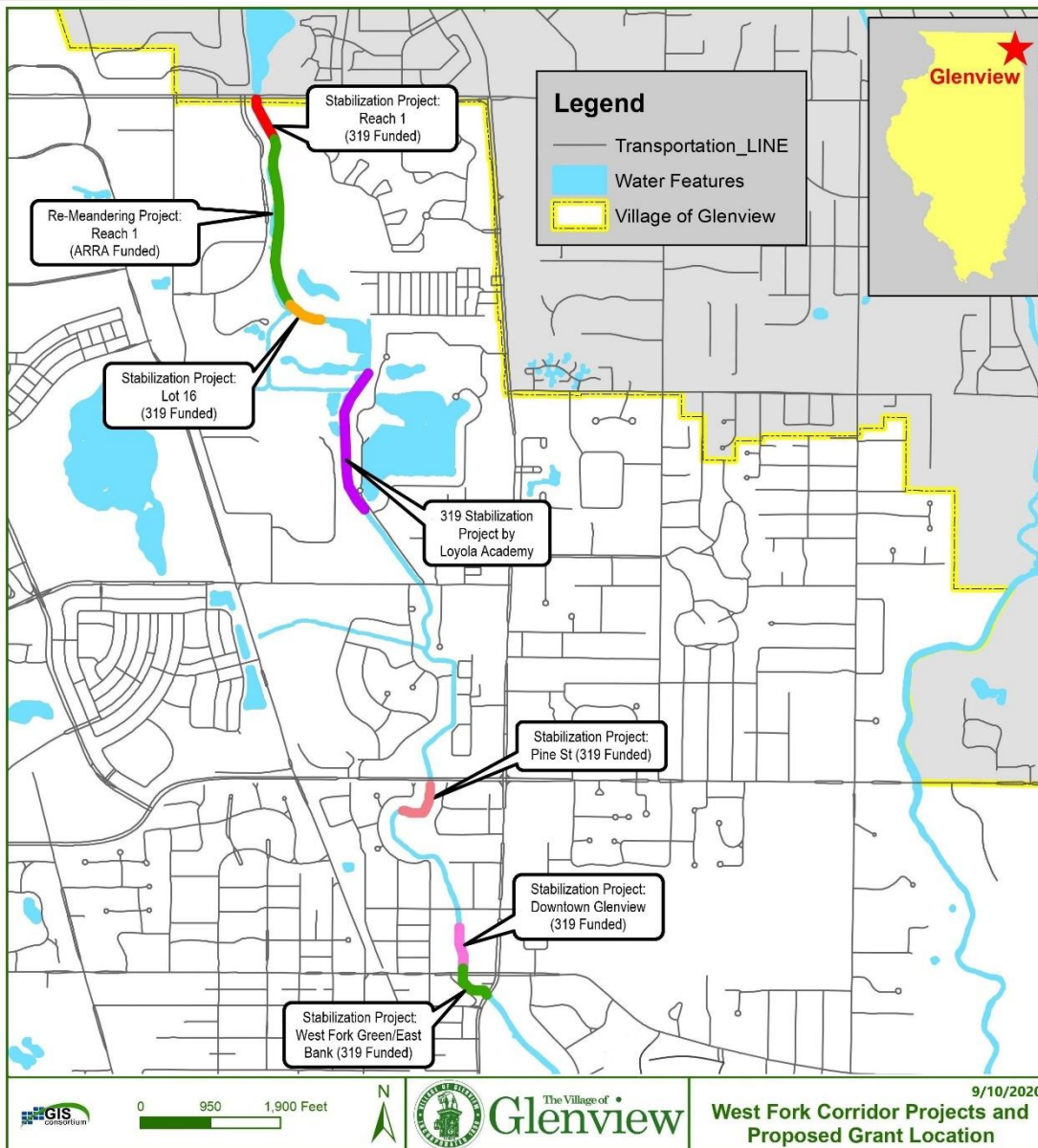
Neighborhood Concerns

- Concern – Tree preservation
 - Response - Updated tree preservation and planting plan
- Concern - Impacts to existing environment
 - Response – Permit review by outside agencies specializing in regulation of environmental impacts is required:
 - Army Corps of Engineers (ACE)
 - North Cook County Soil and Water Conservation District
 - Metropolitan Water Reclamation District (MWRD)
 - Illinois Department of Natural Resources
 - IEPA ILR10- Storm Water Pollution Prevention Plan (SWPPP)
- Concern - Documentation of proposed work
 - Response – Review updated permit documents today and copies of all permits and updated exhibits will be delivered to neighbors upon request
- Other Concerns – Neighbor comments

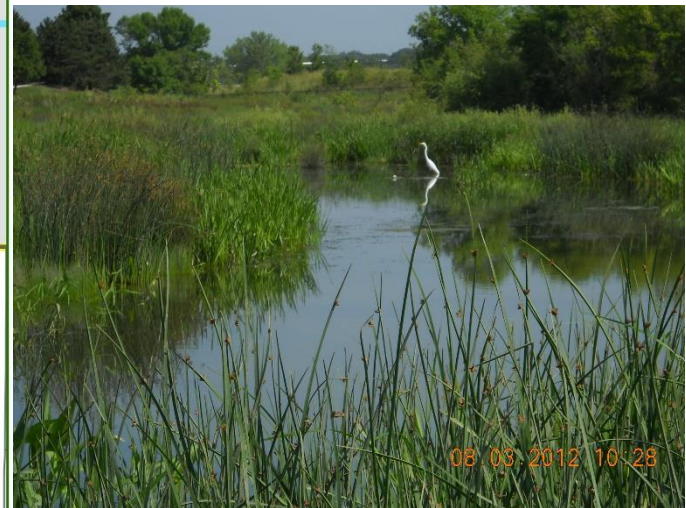
Project Background & Schedule

- 2015: Floodplain Buyouts - 11 parcels owned and maintained by Village; Coordination with Village and Park District
- 2019: Park District meeting on Sleepy Hollow Park facilities
- September 2020: On-site Design Meeting – Review project details and draft plans; Seek resident feedback
- September 2020 - March 2021: Finalize plan documents; Submit permits; Obtain permit approvals from agencies
- *January 7, 2020: Follow-up Design Meeting (TODAY)*
- Spring 2021: Pre-Construction Resident Meeting
- Early Summer 2021 – Fall 2021: Construction of improvements

Similar Projects



**Native perennials at Techny Basin.
View to north.**



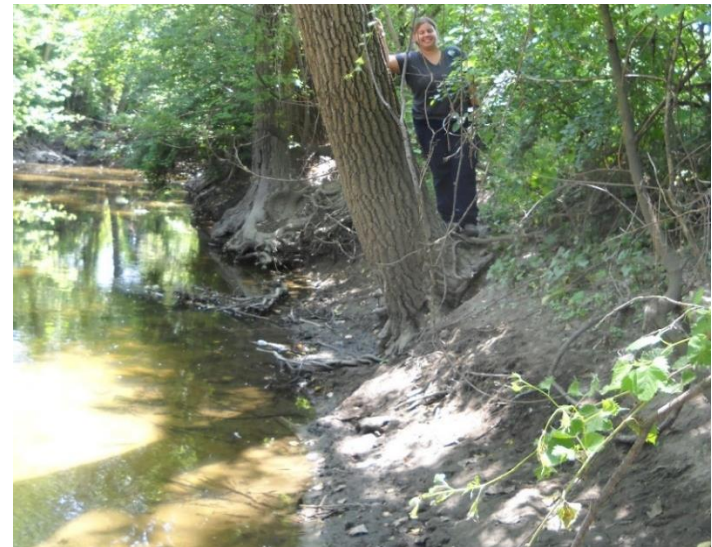
**West Fork along the Reach 1 project
site. View to north.**

Scope of Work

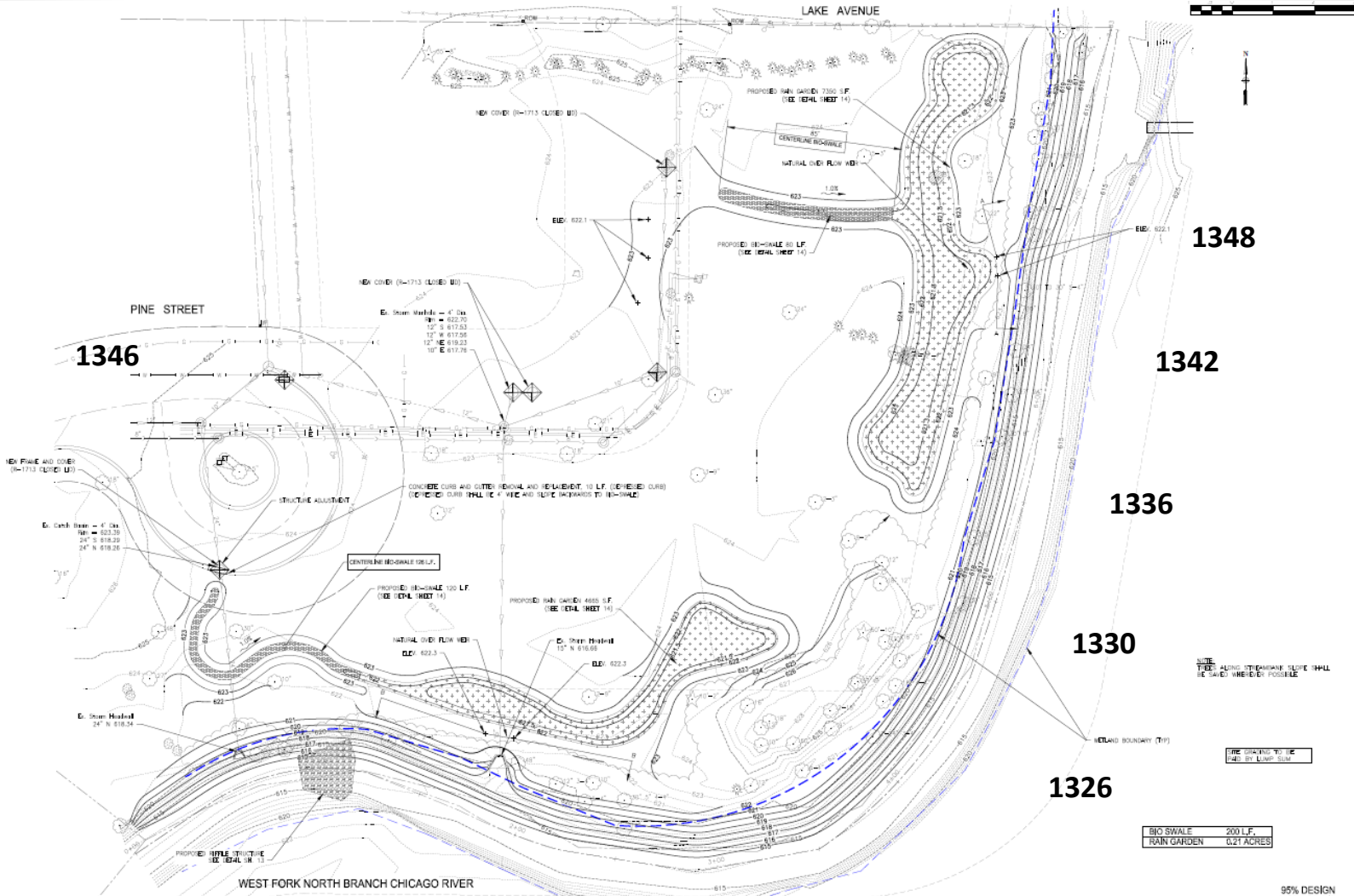
- Bioswale and Raingarden Installation
 - Water retention and filtration
 - Aesthetic beauty
 - Habitat and resources for wildlife
- Streambank Stabilization
 - Erosion control
- Riffle-and-Pool Structure
 - Increased dissolved oxygen
 - Habitat restoration
 - Aids in streambank stabilization
- Tree Planting (**30 Trees**)
 - Screening and privacy
 - Wildlife Habitat
 - Case by case evaluation
 - Compliance with Glenview's Tree Preservation Ordinance



Bald cypress at Lake Glenview.

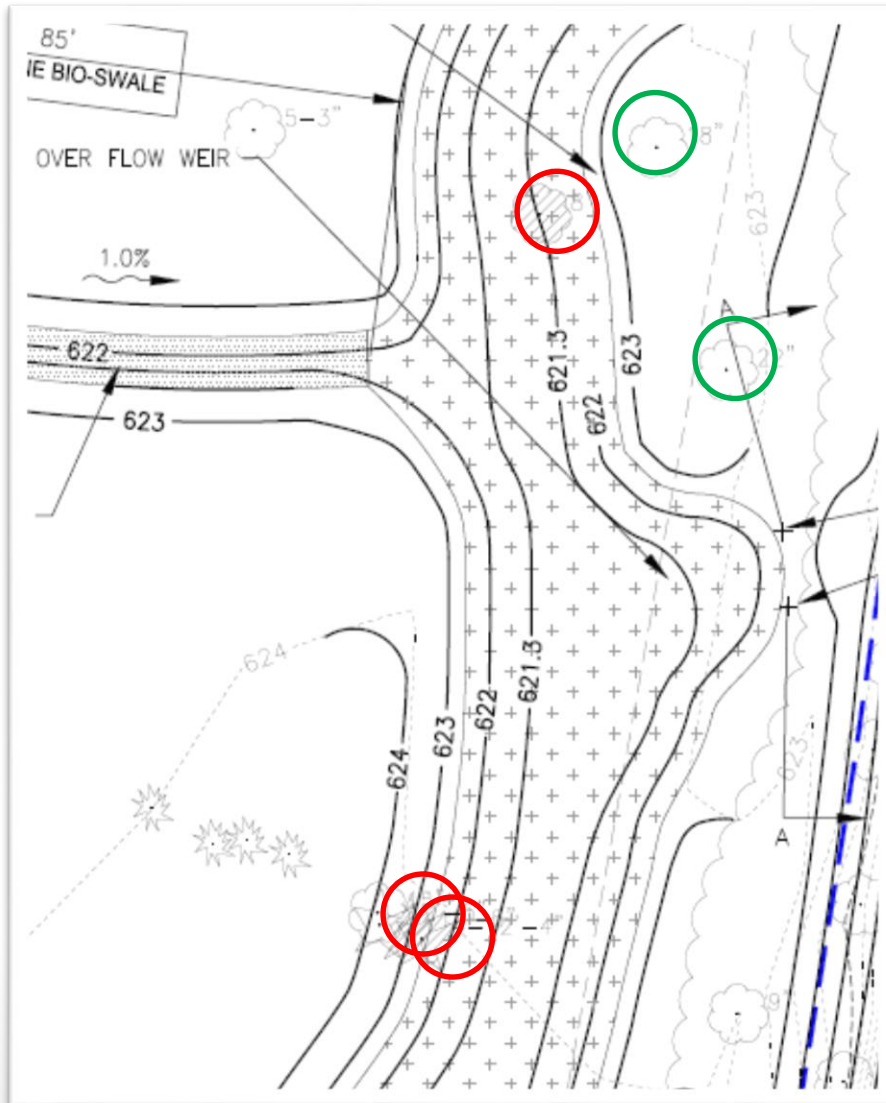


Streambank erosion at Pine St. floodplain buyout parcel. View to west.



95% DESIGN
NOT FOR BID

Proposed Tree Impacts

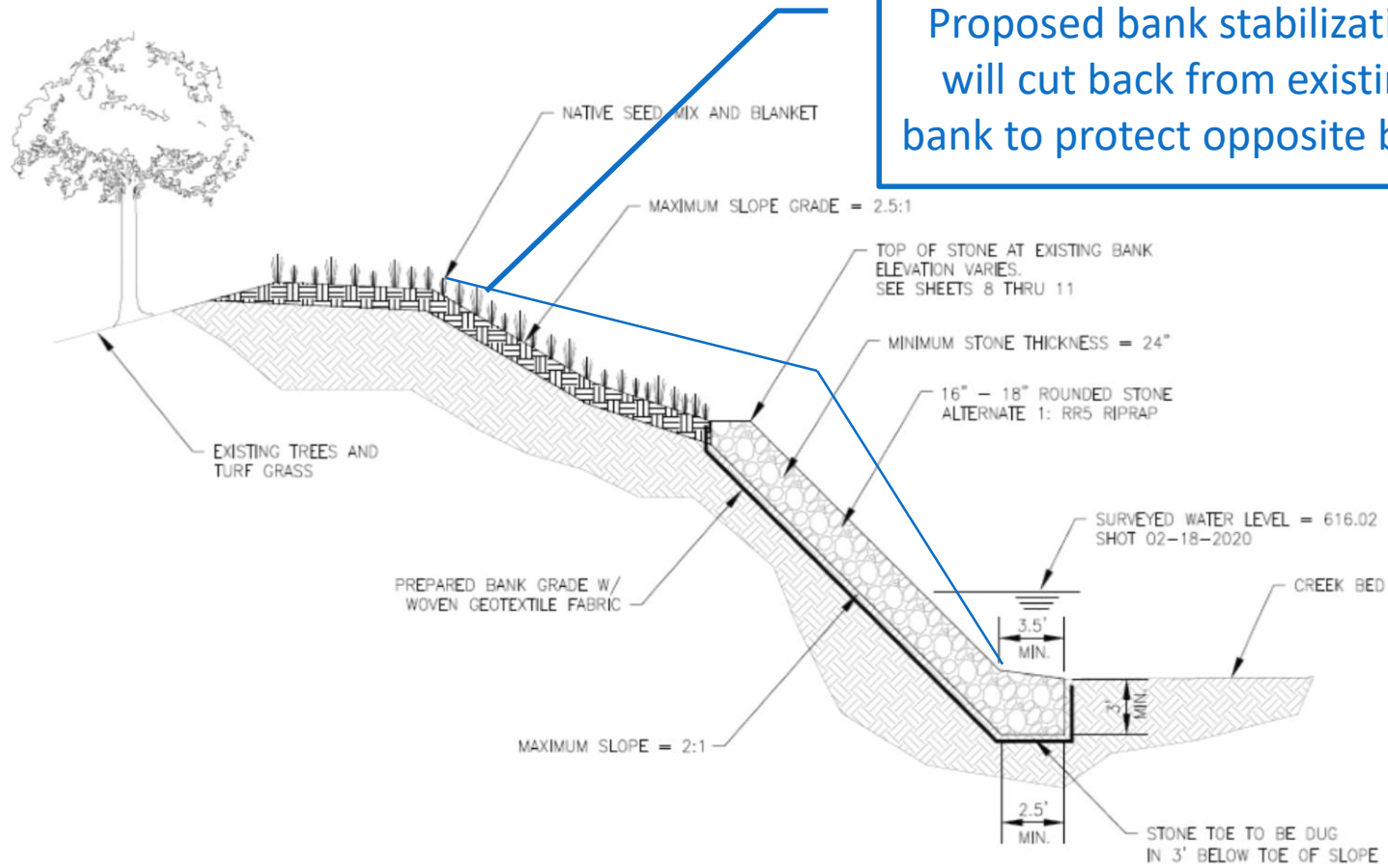


One each 4", 5", and 8" trees (non-Landmark) are to be removed for the installation of the rain garden.

Design preserves Landmark Trees throughout the project area. Any trees determined to be at risk during construction will be evaluated by Village staff.

Streambank Stabilization Plan

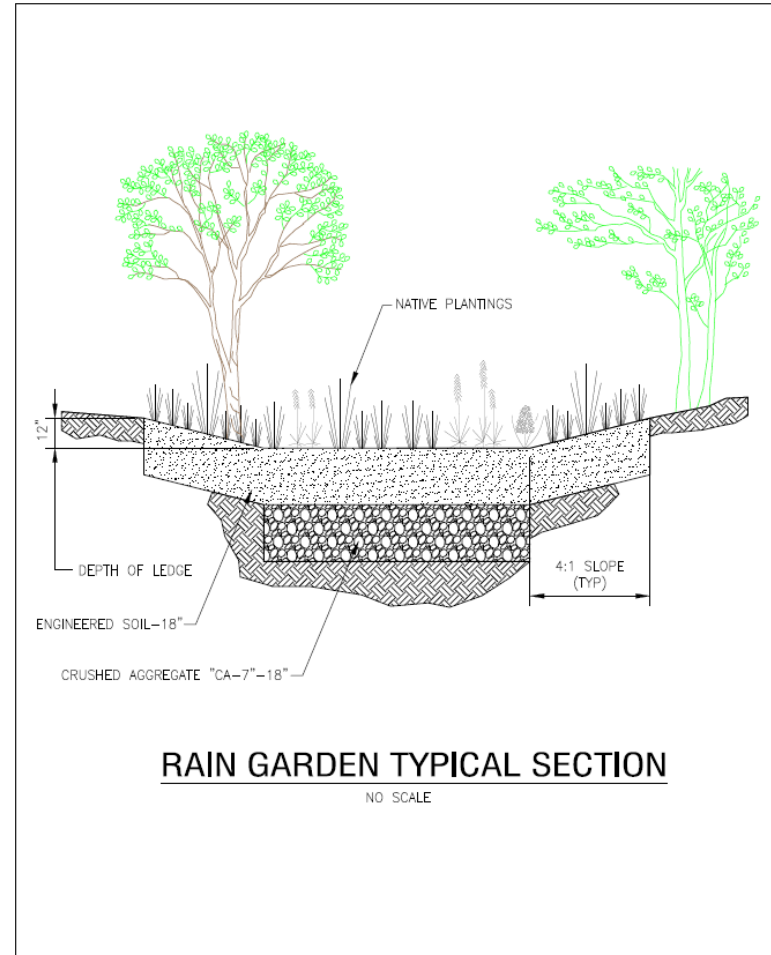
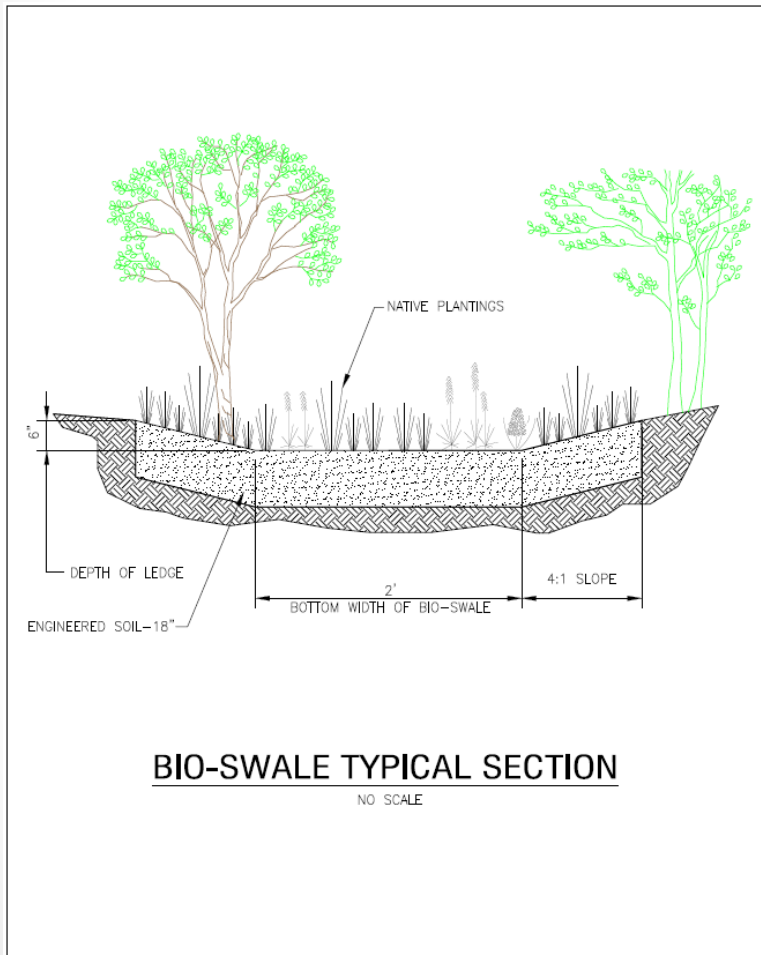
Proposed bank stabilization will cut back from existing bank to protect opposite bank



TYPICAL CROSS SECTION

NO SCALE

Design Elements



Permit - MWRD

WATERSHED MANAGEMENT PERMIT
METROPOLITAN WATER RECLAMATION DISTRICT
OF GREATER CHICAGO
 111 EAST ERIE, CHICAGO, ILLINOIS, 60611

Watershed Management Permit No.

www.mwrld.org

INSTRUCTIONS FOR COMPLETING PERMIT FORM: Submit two original signed copies of this permit application (nine pages) and any required WMO schedules listed below; do not leave any blank spaces; use "X" for checking applicat information. Also submit two copies of location map and plans. Address all correspondence to the Local Sewer Systems Sectic for any inquiries or assistance, telephone (312) 751-3255.

NAME AND LOCATION:

Name of Project (as shown on plans): Pine Street Park Streambank Stabilization, Bio-Swale and Rain Garden

Location of Project (street address or with respect to two major streets): 1331 Pine Street, Glenview, Illinois 60025

Municipality (Township, if unincorporated), Village of Glenview
 Section 35, Township 42 N, Range 12 E

PIN (include all PINs for project, use additional sheets if more than two): See attachment

Check type of sewer area for project: Combined Sewer Area Separate Sewer Area

- | | | |
|--|----------------------------------|---------------|
| <input checked="" type="checkbox"/> Project Information (Required in all cases) | WMO Schedule A | (Page 5 of 9) |
| <input checked="" type="checkbox"/> Sewer Summary (Required in all cases) | WMO Schedule B | (Page 6 of 9) |
| <input checked="" type="checkbox"/> Sewer Connections (Required in all cases) | WMO Schedule C | (Page 7 of 9) |
| <input type="checkbox"/> Detention & Stormwater Management Facilities (WMO) | WMO Schedule D | (3 Pages) |
| <input type="checkbox"/> Detention & Stormwater Management Facilities (Legacy) | WMO Schedule D _{Legacy} | (4 Pages) |
| <input type="checkbox"/> Lift Station and/or Force Main | WMO Schedule E | (2 Pages) |
| <input type="checkbox"/> Characteristics of Waste Discharge | WMO Schedule F | (2 Pages) |
| <input type="checkbox"/> Treatment or Pretreatment Facilities | WMO Schedule G | (2 Pages) |
| <input checked="" type="checkbox"/> Hazard Areas (Floodplain / Floodway / Riparian Areas) | WMO Schedule H | (2 Pages) |
| <input type="checkbox"/> Affidavit Relative to Compliance with Article 7 | WMO Schedule J | (1 Page) |
| <input type="checkbox"/> Affidavit of Disclosure of Property Interest | WMO Schedule K | (2 Pages) |
| <input type="checkbox"/> Notice of Requirements for Storm Water Detention | WMO Schedule L | (2 Pages) |
| <input type="checkbox"/> Current Survey of Property Interests (Attachment for Schedule K or L) | Exhibit A | |
| <input type="checkbox"/> Outfall, Direct Connection, District Owned or Leased Property | WMO Schedule O | (1 Page) |
| <input checked="" type="checkbox"/> Soil Erosion and Sediment Control | WMO Schedule P | (2 Pages) |
| <input type="checkbox"/> Recording and Maintenance | WMO Schedule R | (2 Pages) |
| <input type="checkbox"/> Recording Exhibit (Attachment for Schedule K or L) | Exhibit R | |
| <input checked="" type="checkbox"/> Wetlands and Wetland Buffer Areas | WMO Schedule W | (2 Pages) |

Refer to Table 1 of § 201 of Article 2 of Watershed Management Ordinance for applicable Permitting Authority.

OTHER DOCUMENTS: Indicate title, number of pages and originator Pine Street Park Streambank Stabilization, Bio-Swale and Rain Garden engineering plans, 15 sheets, by Baxter & Woodman Consulting Engineers

NOTE: ATTACH FEE PAYMENT VOUCHER AND PAYMENT IF APPLICABLE
DISTRICT USE ONLY

Application received: _____ WMO Permit issued: _____ WRP: _____

SPECIAL CONDITIONS

Watershed Management Permit No.

This Permit is issued subject to the General Conditions and the attached Special Conditions.

If Permit is granted:

- Please return two (2) copies of the Permit to the Permittee; or
 Please mail one (1) copy to Permittee and one (1) copy to the person designated below:

Name: Paul Siegfried, P.E., CFM, CPESC

Address : 8678 Ridgefield Rd, Crystal Lake, IL 60012

Email : psiegfried@baxterwoodman.com

CERTIFICATE BY APPLICANTS: We have read and thoroughly understand the conditions and requirements of this Permit application, and agree to conform to the Permit conditions and other applicable requirements of the District. It is understood that construction hereunder, after the Permit is granted, shall constitute acceptance by the applicants of any Special Conditions that may be placed hereon by the District or an Authorized Municipality. It is further understood that this application shall not constitute a Permit until it is approved, signed and returned by the Director of Engineering of the District or Enforcement Officer of an Authorized Municipality.

PERMITTEE The project area is within municipal corporate limits. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable	CO-PERMITTEE (Co-Permittee is Property Owner)
Municipality <u>Village of Glenview</u>	Owner _____
Address <u>2500 E Lake Avenue</u>	Address _____
City <u>Gle</u> Zip <u>60026</u>	City _____ Zip _____
Signature <u>Adriana Webb</u>	Signature _____
Name <u>Adriana Webb</u> <small>(Print)</small>	Name _____ <small>(Print)</small>
Title <u>Engineering Division Manager</u>	Title _____
Date <u>12-22-2020</u> Phone <u>(847) 904-4414</u>	Date _____ Phone _____
Email <u>awebb@glenview.il.us</u>	Email _____
REVIEW AND APPROVAL BY THE DISTRICT OR AUTHORIZED MUNICIPALITY	
Reviewed by: _____	Date _____
<small>(Local Sewer Systems) or (Professional Engineer)</small>	
Approved for Issue	
Approved by: _____	Date _____
<small>(For the Director of Engineering) or (Enforcement Officer)</small>	

Permits: IDNR, ACE



Applicant: Baxter & Woodman - Crystal Lake
Contact: Colinn McConnell
Address: 8678 Ridgefield Rd.
 Crystal Lake, IL 60012

IDNR Project Number: 2105629
Date: 09/18/2020

Project: Pine Street Park Streambank Stabilization & Rain Garden
Address: Pine Street, Glenview

Description: The Project consists of 764 linear feet of stabilization along the west side of the North Branch of the Chicago River. Construction of 200 linear foot bioswale and a 0.2 acre bioretention cell (rain garden) are included in the project.

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Wetland Review (Part 1090)

The Illinois Wetlands Inventory shows wetlands within 250 feet of the project location.

An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

Township, Range, Section:
 42N, 12E, 35



IL Department of Natural Resources Contact
 Adam Rawe
 217-785-5500
 Division of Ecosystems & Environment

Government Jurisdiction
 Village of Glenview
 Robyn Flakne
 2500 East Lake Avenue
 Glenview, Illinois 60025

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

JOINT APPLICATION FORM FOR ILLINOIS					
ITEMS 1 AND 2 FOR AGENCY USE					
1. Application Number			2. Date Received		
3 and 4. (SEE SPECIAL INSTRUCTIONS) NAME MAILING ADDRESS AND TELEPHONE NUMBERS					
3a. Applicant's Name: Robyn Flakne Company Name (if any): Village of Glenview Address: 2488 East Lake Avenue Glenview, IL 60026 Email Address: rflakne@glenview.il.us		3b. Co-Applicant/Property Owner Name (if needed or if different from applicant): Company Name (if any): Address: Email Address:		4. Authorized Agent (an agent is not required): Colinn McConnell Company Name (if any): Baxter & Woodman Natural Resources Address: 8678 Ridgefield Rd Crystal Lake, IL 60012 Email Address: cmcconnell@baxterwoodman.com	
Applicant's Phone Nos. with area code Business: 8479044536 Residence: Cell: Fax:		Applicant's Phone Nos. with area code Business: Residence: Cell: Fax:		Agent's Phone Nos. with area code Business: 6154443205 Residence: Cell: Fax:	
STATEMENT OF AUTHORIZATION					
I hereby authorize, <u>Colinn McConnell</u> to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.					
<u>Robyn Flakne</u> Applicant's Signature		<u>9-11-2020</u> Date			
5. ADJOINING PROPERTY OWNERS (Upstream and Downstream of the water body and within Visual Reach of Project)					
Name		Mailing Address		Phone No. with area code	
a.					
b.					
c.					
d.					
6. PROJECT TITLE: Pine Street Stabilization & Rain Garden					
7. PROJECT LOCATION: along the West Fork of the North Branch of the Chicago River					
LATITUDE: 42.0600		*N		UTMs	
LONGITUDE: -87.8000		*W		Nothing:	
STREET, ROAD, OR OTHER DESCRIPTIVE LOCATION Pine Street Glenview, IL		LEGAL DESCRIPT		QUARTER NW	SECTION 35
				TOWNSHIP NO. T42N	RANGE R12E
<input checked="" type="checkbox"/> IN OR <input type="checkbox"/> NEAR CITY OF TOWN (check appropriate box)					
Municipality Name Glenview		WATERWAY Chicago River		RIVER MILE (if applicable)	
COUNTY Cook County	STATE IL	ZIP CODE 60025			
Revised 2010					
<input type="checkbox"/> Corps of Engineers		<input type="checkbox"/> IL Dep't of Natural Resources		<input type="checkbox"/> IL Environmental Protection Agency	
<input type="checkbox"/> Applicant's Copy					

Contact Us and Next Steps

Documentation to be Provided

- Plans, Permits (pending review and approval), MOP

Written comments

Engineering/Capital Projects
2500 East Lake Avenue
Glenview, IL 60026

Capital Improvement Program/Engineering

- Robyn Flakne
- Email address:
rflakne@glenview.il.us
- Phone: (847) 904-4536

Project Information and updates will be posted on the Village of Glenview Website and Construction Blog

<https://www.glenview.il.us/Pages/PineRiverbank.aspx>

